

Remarks

Claim rejections 35 USC § 102

The Office Action argues that the request-response message model mentioned in Stal reads onto the claim requirement that notifications are generated on the client by the server in response to events occurring in the application running on the server.

It is alleged that when a client issues a request/command to the server, resulting in some change in an application running on the server, the server will issue a response, and it is further argued that this response must be seen as being responsive to an event occurring in the application. It is then argued that such a response will be reflected in the user interface on the client, with the net result that the server is effectively generating a notification on the client in response to some event occurring in the server application.

Claim 1 has been amended to specify that when the server issues notification generation commands in response to events, *the events occur and the notification generation commands issue independently of application control commands received from the client*. Furthermore, where it was originally specified at the end of claim 1 that the client-side service provides a network addressable notification service to enable the server to notify the client of events occurring in the application, it is now stated that these events *occur independently of the application control commands received from the client*.

Thus, claim 1 as amended specifies both that the notification generation commands and the events from which these commands result, are independent of the application control commands received from the client. According to Stal, and indeed according to the argument put forward in the Office Action, it is clear that these server responses are directly in response to the requests/commands received from the client, and the "events" allegedly giving rise to these responses are similarly said to be directly dependent on and resultant from the requests/commands received from the client.

Accordingly, the clarification of the server application events as occurring independent of the commands from the client, and the clarification that the notification generation commands from the server in response to those events also issue independently of the commands received from the client, clearly distinguishes the claimed invention over Stal in two respects.

In each of the other independent claims (11-13 and 21-24), amendments have been made to clarify that the events occurring in the application which are notified to the client-side service occur are independent of said application control commands received from the client. In claims 11, 12 and 21-23 this wording has been used at the end of claims in preference to the earlier wording of "without maintaining a dedicated communications channel between the remote client and the computer".

In each of the independent claims which also includes the notification generation on the server (claims 11 and 23), the same amendment has been made as in feature (d) of claim 1 discussed above, i.e. that the notification generation, as well as the event in response to which the notification generation occurs, is independent of the application control commands received from the client.

Accordingly, each of the other independent claims is patentable for the same reasons as advanced above in favour of claim 1, and the same arguments also apply to the dependent claims which share at a minimum the features of the base claim from which they each depend.

Claim rejections 35 USC § 103

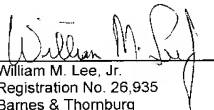
The rejection of claims 6 and 18 is based in part on the rejection of the base claims over Stal. For the reasons advanced above, therefore, these claims share patentability at least for the reasons advanced above concerning the failure of Stal to disclose events and notification generations occurring on the server side independently of application control commands received from the client.

In view of the amendments and arguments made herein, the applicants respectfully request the examiner withdraw the rejections, and allow the application.

An appropriate Petition for Extension of Time is also submitted herewith.

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Respectfully submitted,

A handwritten signature in dark ink, appearing to read "William M. Lee, Jr.", is written over a horizontal line.

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